

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

olicant: Tomokazu YUASA et al.

Title: COMMUNICATION

APPARATUS WITH ANTENNA

Appl. No.: 10/698,553

Filing Date: 10/31/2003

Examiner: Leith A. Al Nazer

Art Unit: 2821

# INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

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## TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(d), before payment of the issue fee.

## RELEVANCE OF EACH DOCUMENT

The Examiner in the corresponding Japanese application has stated:

Japanese Utility Model Application Publication 2-123192

This discloses everything of the claims (1-13) except for:

- a circuit substrate mounting an antenna element thereon is deformable,
- a combination of a first antenna mounted on a ear pad part and a second antenna mounted on a headband, and
- a wireless communication module is mounted on a ear pad part.

## Japanese Patent Application Publication 11-8893

This discloses a headphone which has more than two antenna units. Each antenna unit includes an antenna mounted on a flexible substrate.

## Japanese Patent Application Publication 11-8894

This discloses a headphone which has a first antenna mounted on an ear pad part and a second antenna mounted on a radio receiver.

## <u>Japanese Patent Application Publication 8-125614</u>

With regard to Japanese Patent Application 8-125614, it is pointed out that Figures 2 and 4 are different embodiments. Figure 2 shows merely an ear bud 43 with the antenna and module located at the top of the headband. Figure 4 is a completely different embodiment in which there is no headband but merely an ear piece with the antenna and the electronic

module mounted thereon. Figure 4 is thus similar in this respect to previously cited JP 200-112383.

An English translation of the foreign-language documents is not readily available. However, the absence of such translation does not relieve the PTO from its duty to consider the submitted foreign language documents (37 CFR §1.98 and MPEP §609).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

## **STATEMENT**

The undersigned hereby states in accordance with 37 CFR §1.97(e)(1) that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to filing of this Statement.

#### FEE

The Commissioner is hereby authorized to charge a fee in connection with submission of the information disclosure statement under 37 CFR §1.97(d) in the amount of \$180.00 in accordance with 37 CFR §1.17(p).

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Respectfully submitted,

Date <u>July 7, 2005</u>

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MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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	INFORMATI	ON DISCLOS	íæ` °∑\	Application Number	10/698,553	
	STATEMEN	T BY APPLICA	ANT	Filing Date	10/31/2003	
	Data Culum	:40-4. 1.1. 7 20	1 1 2005 u	First Named Inventor	Tomokazu YUASA	
	Date Subm	itted: July 7,\20	100 <b>101</b>	Group Art Unit	2821	
	(use as many s	sheets as nece	ssary)	Examiner Name	Leith A. Al Nazer	
Sheet	1	of	TA TRADEMAN	Attorney Docket Number	026304-0212	

U.S. PATENT DOCUMENTS							
Examiner Initials*		U.S. Patent Document			Date of Publication of	Pages, Columns, Lines, Where Relevant	
	Cite No. <sup>1</sup>	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Offic	Foreign Patent C æ <sup>3</sup> Number <sup>4</sup>	Ocument Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	A1	JP	2-123192			10/9/1990		
	A2	JP	11-8893			1/12/1999		
	A3	JP	11-8894			1/12/1999		
	A4	JP	8-125614			5/17/1996		

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>€</sup>
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Examiner Signature	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.